



TOWN OF TRURO

Glossary of Watershed Management terms:

BMP	Best Management Practices. These can be structural or procedural control measures designed to produce satisfactory results and/or minimize project impacts
CWMP	Comprehensive Wastewater Management Plan, or Comprehensive Watershed Management plan
Enhanced I/A (E-I/A)	Newer generation I/A septic system that uses multi-stage treatment to achieve ultra-low nitrogen levels (<11 mg/L)
Estuary	Coastal water body where freshwater from rivers or streams meets and mixes with saltwater from the ocean which supports a wide variety of plants, animals, and marine life.
General Use approval	Refers to a septic system technology that has been fully tested and approved by the MassDEP for general use.
Innovative/Alternative (I/A)	A type of septic system that provides an extra treatment component to reduce nitrogen and pathogen concentrations in final wastewater effluent (usually to a standard not to exceed 19 mg/L N)
MassDEP	Massachusetts Department of Environmental Protection
MEP	Massachusetts Estuary Project
Nitrogen Pollution	Excess nitrogen, often from septic systems and fertilizers, can lead to degraded water quality, harmful algal blooms, damage to salt marshes, and can harm marine life.
NSA	A Nitrogen Sensitive Area is referred to in Title 5 and defined as a marine water body impacted by Nitrogen as determined by the issuance of an EPA approved TMDL (nitrogen target)
PRB	A Permeable Reactive Barrier is a strategy applied underground that allows groundwater to pass through it but can trap contaminants.
Provisional Use approval	Refers to a septic system technology in its final approval stage. This would include a treatment technology with a positive record that needs more long-term performance data. Provisional approval allows field use of various I/A and E-I/A technologies while data are being collected



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Recharge	Replenishment of an aquifer by the absorption of water (wastewater or precipitation)
SMAST	UMass Dartmouth's School for Marine Science & Technology
Title 5	Title 5 of the Massachusetts State Environmental Code sets the minimum standards for how septic systems are designed, built, inspected, and maintained.
TMDL	Total Maximum Daily Load, is the amount of nitrogen a watershed can safely assimilate and process.
TN	Total Nitrogen
Watershed	The area where all water (rain, snow melt, runoff) drains into the same body of water (pond, river, bay, etc.) There are three major Watersheds in Truro – Wellfleet Harbor, Pamet River, and Provincetown Harbor/East Harbor.
Zone 1	A regulated radius around a public water supply well, between 100-400'
Zone 2	An area modeled or designated with a radius that is protected by State and local regulations with standards to protect a public water supply well. The Zone 2 is developed to reflect the maximum extent that drawdown of a well could reach under extreme drought and operational conditions.
Zone of Contribution	The area around a well that actually contributes groundwater to the well